

# Converting Colors

HunterLab(86.3656, -1.9689,  
33.9784)

Have a look what the booklet for  
HunterLab(86.3656, -1.9689,  
33.9784) contains.

<b>HunterLab(86.3623, -1.9503, 33.9475)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(86.3623, -1.9503,  
33.9475)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDC94
RGB	255, 220, 148
RGB Percent	100%, 86%, 58%
CMY	0.0000, 0.1372, 0.4196
CMYK	0.00, 0.14, 0.42, 0.00
HSL	40°, 100%, 79%
HSV	40°, 42%, 100%
XYZ	72.1784, 74.5845, 38.6090
YIQ	222.2570, 43.9720, -14.9720

# Conversions

## Conversions Part 2

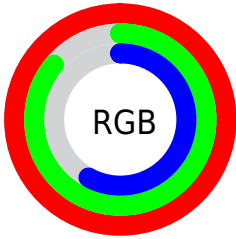
Format	Color
R <sub>Y</sub> B	200, 255, 148
Decimal	16768148
CIE Lab	89.20, 2.73, 39.82
CIE LCh	89, 39.910, 86.082
Yxy	74.5880, 0.3894, 0.4024
Android (android.graphics.Color)	4294958228 (0xFFFFDC94)
YUV	222.2570, -36.6087, 28.7156
Hunter-Lab	86.3623, -1.9503, 33.9475

# Details

The HunterLab color  $86.3623, -1.9503, 33.9475$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $68.8340, 1.9281, -39.0410$ , and the grayscale version is  $85.7208, -4.5738, 4.6574$ .

A 20% lighter version of the original color is  $98.5352, -13.4208, 26.4852$ , and  $62.9485, -0.7252, 28.3527$  is the 20% darker color. If you saturate the color by 10%, you get  $83.4255, 0.0230, 38.2050$ , and if you desaturate by 10%, it is  $89.4282, -3.4646, 28.6639$ .

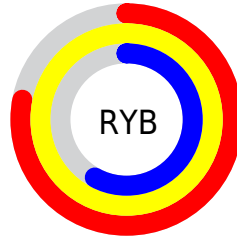
# Distribution



Red (100%)

Green (86%)

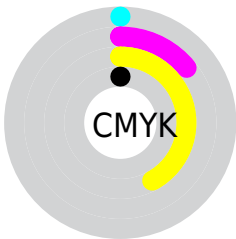
Blue (58%)



Red (78%)

Yellow (100%)

Blue (58%)

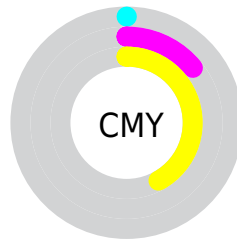


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.3623, -1.9503, 33.9475 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 86.3623, -1.9503, 33.9475 by changing the saturation by 10% instead.





 86.3623, -1.9503,  
33.9475

 86.3623, -1.9503,  
33.9475


218.2888, -8.0466,  
56.2145

 74.3474, -1.4396,  
31.1882


 112.1289, -3.0906,  
39.2258

 62.9462, -0.9654,  
28.3228

 125.8277, -3.7099,  
41.7695

 52.1959, -0.5341,  
25.3276


140.0430, -4.3608,  
44.2633

 42.1387, -0.1494,  
22.1704

154.7566, -5.0419,  
46.7151

 32.8259, 0.1835,  
18.8085

169.9521, -5.7521,  
49.1311

 24.3229, 0.4579,  
15.2320

185.6149, -6.4903,

 16.7155, 0.6639,

51.5169

11.7009

201.7313, -7.2554,  
53.8767

■ 10.1252, 0.7857,  
7.0877

0.0000, NaN, NaN

■ 86.3623, -1.9503,  
33.9475

■ 86.3623, -1.9503,  
33.9475

■ 83.4255, 0.0230,  
38.2050

■ 89.4282, -3.4646,  
28.6639

■ 80.6161, 2.4702,  
41.4006

■ 92.6122, -4.5220,  
22.3955

■ 77.9397, 5.3840,  
43.5209

■ 95.9111, -5.1419,  
15.1944

■ 75.3980, 8.7473,  
44.5803

■ 99.3195, -5.3435,  
7.1148

■ 72.9903, 12.5242,  
44.6387

100.0000, -5.3359,  
5.4332

■ 71.1435, 15.7951,  
44.1148

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3643, 18.0536, 30.0053



86.3623, -1.9503, 33.9475



86.3643, -20.9733, 31.6546

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3643, -1.9535, 33.9485



86.3643, -36.6876, -13.0963



86.3643, 29.8953, -18.4605

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86.3623, -1.9503, 33.9475



68.8340, 1.9281, -39.0410

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3643, 13.0642, -35.3184



86.3623, -1.9503, 33.9475



86.3643, -25.1586, -31.7568

# Square

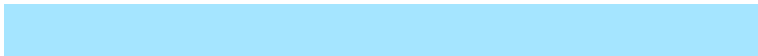
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3643, -1.9535, 33.9485



86.3643, -39.9216, 7.1780



86.3643, -7.2403, -40.6675



86.3643, 37.4748, 2.1485

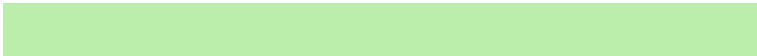


# Rectangle

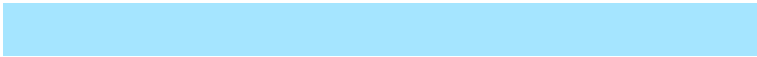
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3623, -1.9503, 33.9475



86.3643, -30.7526, 26.5313



86.3643, -7.2403, -40.6675



86.3643, 25.0609, -24.9217

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.3643, -1.9535, 33.9485



95.5629, -5.0973, 15.9854



67.7401, 40.7372, 2.9232



43.8716, -2.3074, 8.1573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3643, -1.9535, 33.9485



83.9915, -0.4014, 37.4536



95.7555, -25.7383, 41.2054



44.7555, -2.4193, 6.1485



51.7020, 10.8857, 32.0491



16.7397, 2.2518, 10.3543



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.8340, 1.9281, -39.0410



63.4195, 4.7011, -49.2863



60.4067, 25.2867, -55.1935



42.8344, -2.0835, -1.6714



26.9773, 26.7913, -91.5539



9.4770, 5.7107, -24.1732



# Previews

## White Background



This preview shows how the HunterLab color 86.3623, -1.9503, 33.9475 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

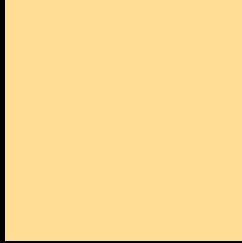
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.3623, -1.9503, 33.9475 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 86.3623, -1.9503, 33.9475 Background



This preview shows how black text looks on a background with the HunterLab color 86.3623, -1.9503, 33.9475.



This preview shows how white text looks on a background with the HunterLab color 86.3623, -1.9503,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

86.3623, -1.9503, 33.9475

### Protanopia

86.3528, -8.2334, 33.2547

### Deuteranopia

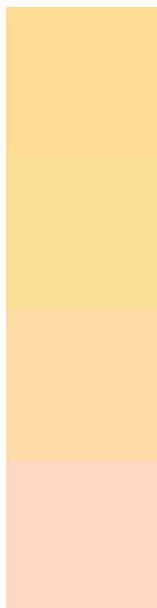
86.4046, 2.5916, 24.0229



## Tritanopia

86.2203, 12.1730, 3.8637

# Trichromacy



## Original Color

86.3623, -1.9503, 33.9475

## Protanomaly

86.4404, -6.3687, 33.6498

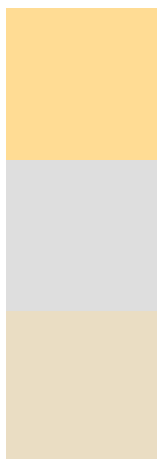
## Deuteranomaly

86.4582, 0.7327, 27.8833

## Tritanomaly

86.2838, 6.2057, 16.5645

# Monochromacy



## Original Color

86.3623, -1.9503, 33.9475

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

85.5251, -4.3261, 16.8323

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.3623, -1.9503, 33.9475 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 220, 148)` looks like.

```
.text, #text, p{  
  color:rgb(255, 220, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 220, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 148) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.3623, -1.9503, 33.9475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 220, 148) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 220, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 220, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 148); box-shadow:4px 4px 4px 4px rgb(255, 220, 148) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.3623, -1.9503, 33.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
220, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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